

LIOZNER, L.S.; ROMANOVA, L.K.; TIMASHKOVICH, T.B.

Fourth Conference on Problems of Regeneration and Cell Division.  
Usp. sovr. biol. 59 no.3:487-490 My-Je '65. (MIRA 18:6)

DOBROKHOTOV, V.N.; MARKELOVA, I.V., SOKOLOVA, L.V., TIMASHKEVICH, T.V.;  
NIKANOROVA, R.I.; KURDYUMOVA, A.G.

Effect of sarkolysine on the 24-hour periodicity of mitoses in  
some tissues of white rats. Biul. eksp. biol. i med. 57 no.3:  
97-102 Mr '64.

(MIRA 17:11)

1. Laboratoriya gistofiziologii (zav. - kand. biol. nauk V.N.  
Dobrokhotov) Instituta eksperimental'noy biologii (dir. - prof.  
I.N. Mayskiy) AMN SSSR, Moskva. Predstavlena deystvitel'nym  
chlenom AMN SSSR N.N. Zhukovym-Verezhnikovym.

FEDOROV, D.I., kand.tekhn.nauk; TIMASHKOV, M.V., inzh.; MEDOREZOV,  
I.A., inzh.

Testing experimental straight shovel dippers designed by the  
Central Communication Scientific Research Institute. Transp.  
stroi. 10 no.2:38-40 F '60. (MIRA 13:5)  
(Excavating machinery--Equipment and supplies)

TIMASHKOVA, G.M.

Catalog of right ascensions of 122 stars in the declination zone  
+ 70 to + 90° observed with the model of the L.A.Sukharev  
horizontal meridian instrument. Izv.GAO 23: no.1:3-13 '62.

(MIRA 16:12)

*TIMASHKOVA, G.M.*

PHASE I BOOK INFORMATION

SGT/5721

Vsesoyuznaya astronomicheskaya konferentsiya.

Trudy 14-y Astronomicheskoy-Konferentsii SSSR, Kiev, 27-30 maya 1958 g.  
(Transactions of the 14th Astronomical Conference of the USSR, Held in Kiev  
27-30 May 1958) Moscow, Izd-vo AN SSSR, 1958. 480 p. Data slip inserted.  
1000 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Glavnaya astronomicheskaya observatoriya  
(Pulkovo).

Resp. Ed.: M. S. Zverev, Corresponding Member, Academy of Sciences USSR; Ed. of  
Publishing House: N. K. Zeychik; Tech. Ed.: R. A. Znamenskaya.

PURPOSE: The book is intended for astronomers and astrophysicists, particularly  
those interested in astronomical research.

COVERAGE: This publication presents the Transactions of the 14th Astronomical  
Conference of the USSR, held in Kiev 27-30 May 1958. It includes 27 reports  
and 55 scientific papers presented at the plenary meeting of the Conference

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Transactions of the 14th Astronomical (Cont.)

SGI/5721

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and at the special sectional meetings. An appendix contains the resolutions adopted by the Conference, the composition of the committees, the agenda, and the list of participants at the Conference. A brief summary in English is given at the end of each article. References follow individual articles. The Presidium of the Astronomical Committee (Chairman M. S. Sverov), which supervised the preparation of this publication, expresses thanks to the members of the secretariat: V. M. Vasil'yev, I. G. Kol'chinskii, A. B. Onegira, and Kh. I. Potter.

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KHMEL'NITSKAYA, Ye.L., prof., doktor ekon. nauk; VOLKOV, M.Ya.,  
kand. ekon. nauk; BEL'CHUK, A.I., kand. ekon. nauk; IORDANSKAYA,  
E.N., ml. nauchn. sotr.; MENZHINSKIY, Ye.A.; PAVLOVA, M.A.,  
kand. ekon. nauk; VASIL'KOV, N.P., kand. ekon. nauk; ARDAYEV,  
G.B., kand. ekon. nauk; VAL'KOV, V.A., kand. ekon. nauk;  
TIMASHKOVA, O.K., kand. ekon. nauk; ANDREYEV, Yu.K., ml. nauchn.  
sotr.; PUSHKIN, A.A., ml. nauchn. sotr.; MAKSIMOVA, M.M., kand.  
ekon. nauk; KIRSANOV, A.V., kand. ekon. nauk; SHEBANOV, A.N.,  
ml. nauchn. sotr.

[Changes in the economic structure of the countries of Western  
Europe] ~~Izmeneniya~~ v ekonomicheskoi strukture stran Zapadnoi  
Evropy. Moskva, Nauka, 1965. 433 p. (MIRA 18:9)

1. Akademiya nauk SSSR. Institut mirovoy ekonomiki i mezhdunarodnykh otnosheniy.



TIMASHKOVA, Ol'ga Kondrat'yevna; KIRSANOV, A.V., otv. red.; BYKOV,  
I.K., red. izd-va; GOLUB', S.P., tekhn. red.

[Sweden under the rule of the Social Democrats; a study of  
their postwar economic and social policy] Shvedskaia sotsial-  
demokratiia u vlasti; ocherk poslevoennoi ekonomicheskoi i  
sotsial'noi politiki. Moskva, Izd-vo Akad. nauk SSSR, 1962.  
141 p. (MIRA 15:9)

(Sweden--Economic conditions)

TIMASHOV, A.I., mayor med. sluzhby

Splint for use during transporting. Voen. med. zhur. no.2:91-92 F  
57.

(ARM, fracture,  
splint for transportation (Rus))

TIMASHOV, A.I.

Treatment of pulpitis and periodontitis with a bactericidal contrast  
paste. Zdrav. Belor. 5 no.3:54-56 Mr '59. (MIRA 12:7)  
(GUM--DISEASES) (ANTIBIOTICS)

TIMASHOV, G.I., inzh.; CHUNDUKOV, T.I., inzh.

Operation of a hydroelectric power station without attending  
personnel. Elek. sta. 33 no.7:85-86 J1 '62. (MIRA 15:8)  
(Hydroelectric power stations)

*Timashev, I. Z.*

USSR / Farm Animals. Small Horned Stock.

Q-2

Abs Jour: Ref Zhur-Biol., No 23, 1958, 105652.

Author : Graudyn', N. I., Lebel', L. D., Timashev, I.Z.,  
Ovchinnikov, M. A.

Inst : Not given.

Title : On the Dividing of Fine-Wool Breeds of Sheep  
(Concerning the article by L.A. Kolganov and  
N.V. Longinov "Is It Not Time to Clarify the  
Problem of the Breeds of Sheep").

Orig Pub: Zhivotnovodstvo, 1958, No 3, 63-68.

Abstract: The need for unifying the fine-wool breeds Cau-  
casian, Stavropol, Sal'skaya) into a single breed,  
and the expediency of terming the purebred flocks  
or types of a single breed is discussed. The pro-  
geny obtained from the crossing of those breeds

SUKHAREV, L.A.; TIMASHKOVA, G.M.

Starting systematic observations on the horizontal meridian  
instrument. Izv. GAO 21 no.2:129-133 '58. (MIRA 13:4)  
(Transit circle)

BUTT, Yu.M.; TIMASHOV, V.V.

Dependence of the binding characteristics of clinker minerals  
on the temperature of calcination and crystalline structure.  
TSement 27 no. 2:17-22 Mr-Apr '61. (MIRA 14:5)  
(Cement clinkers)

68563

SOV/35-59-LI-8777

3.1410

Translation from: Referativnyy zhurnal, Astronomiya i Geodeziya, 1959, Nr 11, p 12, (USSR)

AUTHORS: Zverev, M.S., Timashkova, G.M.

TITLE: The Next Problems of Transit Astrometry

PERIODICAL: Tr. 13-y Astrometr. konferentsii USSR 1956, Moscow-Leningrad, AS USSR, 1958, Nr 35 - 46. Diskus; 46 (res.Engl.)

ABSTRACT: Various studies are enumerated, and the merits of observatories are noted in the field of exact determination of coordinates of stars, observations of the sun, photographic and visual observations of the moon and large planets. The visual observations of bright stars will expediently limit by stellar magnitudes 6.0 - 6<sup>m</sup>.5. The weaker stars can be observed better with the help of photographic instruments. The wish is expressed that the catalogue of geodesic stars (CGS), as well as the stars of the FK3 supplement be re-observed. The observatories of the northern hemisphere dealing with observations of the reference weaker stars, for photographic zonal catalogues AGKZ, have started working with success. It is desirable to extend this type of work to the southern hemisphere as well. Special

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The Next Problems of Transit Astrometry

SOV/35-59-11-8777

attention is paid to new programmes of the meridional circles. Two programmes are proposed: listing the latitudinal stars and listing the bright stars. The second programme is being considered in detail in two versions with a limiting magnitude of stars  $6^m.0$  and  $6^m.5$  with a declination from  $-10^\circ$  to  $+90^\circ$ . To this programme lists of FK3 stars, (as reference stars) FK3 supp; KGZ, list of stars Blau as well as the 2nd and 3rd parts of the list of Parenago (it is expedient to observe the 1st part of the list photographically) are to be added. The total number of stars in the two versions of the programme of bright stars totals about 4,332 and 5,730 stars. Graphs of the distribution of stars over right ascension are cited. The authors give their preference to the first version of the programme. To the afore-mentioned programmes can be added lists of double stars, stars for observing through zenith telescopes and several others. The further development of transit-astrometry, the heightened accuracy of observations and the simplification of the processing will result from mastering a horizontal meridional instrument of the Sukharev or Atkinson type, the introduction into observation practice of modern photo-electric methods and the utilization of a new calculation technique for processing the observations.

K.G. Gnevysheva

Card 2/2

GLUSHKOV, V.P., kand. ekon. nauk; POKROVSKIY, A.I., kand. ekon. nauk; VEBER, A.B., kand. istor. nauk; VASIL'KOV, N.P., kand. ekon. nauk; ARDAYEV, G.B., kand. ekon. nauk; TIMASHKOVA, O.K., kand. ekon. nauk; KHEMEL'-NITSKAYA, Ye.I., doktor ekon. nauk, otv. red.; PANTELEYEV, V.I., red. izd-va; RYLINA, Yu.V., tekhn. red.

[Government ownership in Western Europe] Gosudarstvennaia sobstvennost' v stranakh Zapadnoi Evropy. Moskva, Izd-vo Akad. nauk SSSR, 1961. 463 p. (MIRA 14:11)

1. Akademiya nauk SSSR Institut mirovoy ekonomiki i mezhdunarodnykh otnosheniy. 2. Sektor stran Zapadnoy Yevropy Instituta mirovoy ekonomiki i mezhdunarodnykh otnosheniy AN SSSR (for all except Panteleyev, Rylyna).

(Europe, Western-Government ownership)

DOTSENKO, K.D., mashinist ekskavatora; TIMASHKOV, M.V.; GRODETSKIY, I.A.;  
OLFER'YEV, M.A.; IVANOV, M.N., inzhener, redaktor.

[Highly productive work on a dragline excavator] Opyt vysokoproiz-  
voditel'noi raboty na ekskavatore-draglaine. Moskva, Gos. transp.  
zhel-dor. izd-vo, 1953. 28 p. (MLRA 7:4)  
(Excavating machinery)

TIMASHOV, N.D.

Effect of foliar feeding with molybdenum and nickel on some metabolic processes in the potato plant. *Fiziol.rast.* 6 no.3: 354-357 My-Je '59. (MIRA 12:8)

1. Scientific Research Institute of Biology, the Kharkov State University.

(Potatoes--Fertilizers and manures)

(Plants, Effect of molybdenum on)

(Plants, Effect of nickel on)

TIMASHOV, N.D.

USSR / Cultivated Plants. Potatoes. Vegetables. Melons.

Abs Jour : Ref Zhur - Biol., No 34707

Author : Timashov, N. D.

Inst : University of Kharkov.

Title : Metabolism of Carbohydrates and Content of Mineral Nutrition Elements.

Orig Pub : Uch. zap. Kharkovsk. in-t, 1956, 72, 15-22.

Abstract : The study dealt with changes in the metabolism of the carbohydrates, the content of ascorbic acid and separate elements of mineral nutrition in grafting components of eggplant and tomato and their seminal posterity. In many instances of graftings of eggplants on tomatoes, the leaves of the eggplant show an increased activity of the invertase, while the content of the

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APPROVED FOR RELEASE: 07/16/2001

CIA-RDP86-00513R001755710011-3"

N, P and K. In tomatoes grafted with eggplant, the content of all these elements decreases in comparison to the control plants. These same changes repeat themselves also in plants of the seminal posterity of the following seed generations. Graftings of plants of smaller size more vigorous plants (eggplant Delikatess on tomato Marglob), increase the productivity of the graft, as well as the life of its posterity. Grafting of tomato Marglob on eggplant Delikatess can be recommended only for the purpose of increasing the saccharinity of tomato fruits, and in order to reduce its vegetation. -- Rivking.

Card 2/2

TIMASHOV, N.D.

~~Changes in the sugar content of leaves and fruit in grafts and the~~  
first seed progeny of solanaceous plants. Uch.zap.KHGU 46:47-56  
' 53. (MIRA 11:11)

1. Otdel fiziologii rasteniy nauchno-issledovatel'skogo instituta  
biologii Khar'kovskogo gosudarstvennogo universiteta.  
(Nightshade) (Grafting) (Sugar)

20-119-6-53/56

AUTHOR: Timashov, N. D.

TITLE: The Influence of the Trace Elements Copper and Cobalt Upon the Content of Nucleic Acids in Potato Leaves (Vliyaniye mikroelementov medi i kobal'ta na sodержaniye nukleinovyykh kislot v list'yakh kartofelya)

PERIODICAL: Doklady Akademii nauk SSSR, 1958, Vol. 119, Nr 6, pp.1244-1246 (USSR)

ABSTRACT: Various published data (Refs 1 - 3) show that the lack of sufficient quantities of copper in plants, which grow on soils poor in copper, reduces the crop yield and the resistivity of diseases as a result of some physiological disturbances. The advantageous influence of cobalt upon the yield and quality of the crop was proved (Refs 4 - 6). Nevertheless the part played by trace elements in the physiological and biochemical processes of the organisms has hitherto not been sufficiently well explained. Besides the subject mentioned in the title the author also studied the said influence on the reduced glutathione and upon the catalase activity. A 0,01 m solution of  $\text{CuSO}_4$  - and a 0,0001 M  $\text{CoSO}_4$  -solution was

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'The Influence of the Trace Elements Copper and Cobalt Upon the Content  
of Nucleic Acids in Potato Leaves

20-119-6-53/56

used as micro-fertilizer. The leaves were sprinkled 5 times in such a manner that 40 ml fell to the share of 1 plant. Control plants were sprinkled with distilled water. From table 1 it may be seen that the total phosphorus content of the nucleic acids as well as the phosphorus content of desoxyribonucleic acid increase under the influence of cobalt. Copper had a similar effect. Table 2 shows the influence of cobalt upon cut-off leaves. It retards in some measure the decomposition of nucleic acids and favors a higher content of desoxyribonucleic acid. Table 3 shows the advantageous influence of an additional cobalt food upon the SH-glutathione content and upon catalase activity.  $\text{CuSO}_4$  was the optimum for glutathione, but it suppressed the catalase. From the experiments follows that an additional food with the trace elements referred to activates the synthetic processes in the plant. Consequently, the crop yield of the plants increases: by means of cobalt by 15 % more tubers per shrub yielded; by means of copper - by 100 %. There are 3 tables and 8 references, 8 of which are Soviet.

Card 2/3



The Influence of the Trace Elements Copper and Cobalt Upon the Content  
of Nucleic Acids in Potato Leaves 20-119-6-53/56

ASSOCIATION: Nauchno-issledovatel'skiy institut biologii Khar'kovskogo  
gosudarstvennogo universiteta im. A. M. Gor'kogo  
(Scientific Research Institute for Biology of the Khar'kov  
State University imeni A. M. Gor'kiy)

PRESENTED: December 20, 1957, by A. L. Kursanov, Member, Academy of  
Sciences, USSR

SUBMITTED: January 26, 1957

Card 3/3

TIMASHOV, N.D.

Effect of the trace elements copper and cobalt on the nucleic acid  
content of potato leaves. Dokl. AN SSSR 119 no.6:1244-1246 Ap '58.  
(MIRA 11:6)

1. Nauchno-issledovatel'skiy institut biologii Khar'kovskogo gosu-  
darstvennogo universiteta im. A.M. Gor'kogo. Predstavleno akada-  
mikom A.L. Kursanovym.

(Plants, Effect of copper on)  
(Plants, Effect of cobalt on)  
(Nucleic acids)

TRASHOV, N. D.

"Physiologicobiochemical Variations in Individual Representatives  
of the Nightshade Family After Successive Vegetative Hybridizations."  
Cand Biol Sci, Khar'kov State U, Khar'kov, 1953. (RZhBiol, No 1, Sep 54)

SO: Sum 432, 29 Mar 55

YUNG, V.N. [deceased]; BUTT, Yu.M.; TIMASHOV, V.V.

Influence of the cooling rate of clinker on its structure and on the  
properties of cement. Trudy MKHPI no.24:25-35 '57. (MIRA 11:6)  
(Slag cement)

TIMASHOV, V.V.

Crystal formation in portland cement clinker in the sintering process.  
Trudy MKHTI no.24:69-80 '57. (MIRA 11:6)  
(Portland cement)

*Timashov, V.V.*  
YUNG, V.N.; BUTT, Yu.M.; TIMASHOV, V.V.

Studying solid solutions of calcium aluminoferrites. Zhur. prikl.  
khim. 30 no.9:1298-1306 S '57. (MIRA 11:1)  
(Calcium aluminate ferrates)

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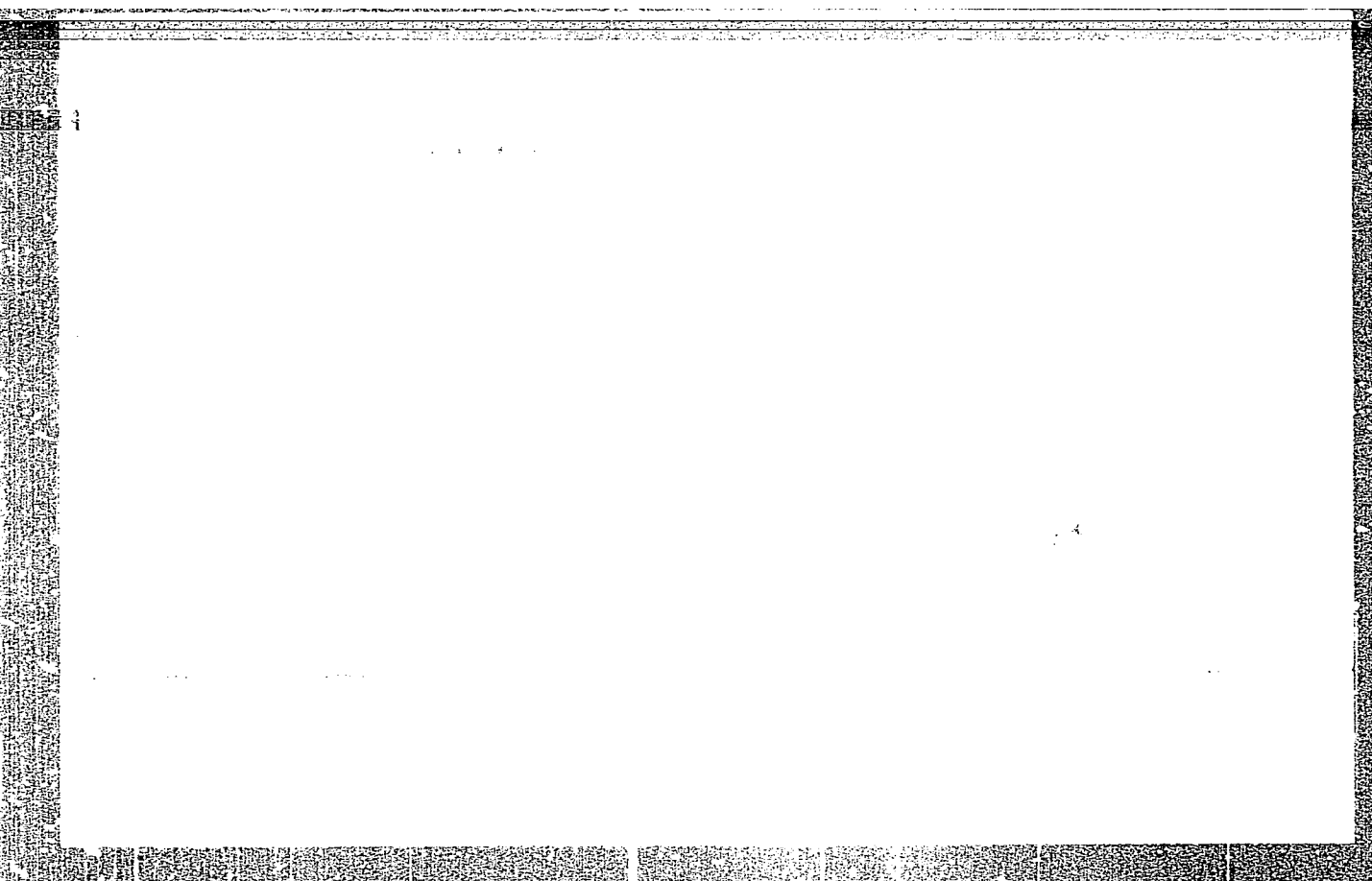
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**CIA-RDP86-00513R001755710011-3**



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**CIA-RDP86-00513R001755710011-3"**



TIMASHOV, V V

BUTT, Yu.M., prof.; TIMASHOV, V.V., kand. tekhn. nauk.

Physicochemical processes taking place during the calcining and  
cooling of portland cement clinker. Khim. nauka i prom. 3 no.1:  
14-21 '58. (MIRA 11:3)

(Portland cement)

YUNG, V.N., doktor tekhnicheskikh nauk; TIMASHOV, V.V., inzhener.

Possibility of producing clinkers with a lime content ratio  
higher than one. TSement 22 no.4:4-6 J1-Ag '56. (MLRA 9:10)

(Cement)

TIMASHOV, V.V.; IVANOV, F.M.

Use of radioactive isotopes in studying the uniformity of soil  
and binder mixtures. Avt. dor. 20 no.4:8-9 Ap '57. (MLRA 10:6)  
(Radioisotopes--Industrial applications)  
(Binding materials)

YUNG, V.N., professor [deceased]; TIMASHOV, V.V., inzhener.

Crystallization of alite and belite in varying conditions of  
clinker burning. TSement 23 no.1:4-7 Ja-F '57. (MLBA 10:4)  
(Calcium silicates) (Cement industries)

COUNTRY : USSR  
CATEGORY : Farm Animals. Q  
ABS. JOUR. : RZhBiol., No.3, 1959, No. 12067  
AUTHOR : Simashova, I. N.  
INST. :  
TITLE : Artificial Insemination of Pigs with Mixed  
Sperm.  
ORIG. PUB. : Sots. tovarinnitstvo, 1958, No 2, 26-28  
ABSTRACT : No abstract.

Card: 1/1

TIMASHOVA, M.

Machine-Tractor Stations

For further improvement of the MTS work. MTS 12 no. 3, 1952

Monthly List of Russian Accessions, Library of Congress, August, 1952. UNCLASSIFIED

*- TIMASHOVA O. A.*

USSR/Physiology of Plants. Respiration and Metabolism

I-1

Abs Jour : Ref Zhur-Biologiya, No 2, 1958, 5611

Author : G. I. Semenenko, O. A. Timashova.

Inst : Kharkov University.

Title : Metabolism of Proteins and Nucleic Acids.

Orig Pub : Uch. zap. Dzharkovsk. un-t, 1956, 72, 7-13.

Abstract : Grafts of cuttings of Delikates variety of egg-plants and Marglob variety of tomatos, and the seed progeny of the graftings were objects of investigation. In the leaves of the graftings of tomatos as well as of eggplant deviations (particularly strong during the period of fruit ripening) towards the uncultivated plants were noted, accompanied (considerably greater in the primary phases of development) by a drop in the level of content of protein N,

Card 1/2

USSR/Physiology of Plants. Respiration and Metabolism.

Abs Jour : Ref Zhur-Biologiya, No 2, 1958, 5611.

Abstract : nucleoproteides, and nucleic acids (particularly ribonucleic acid). In the young growing organs of the vegetative hybrids of the seed progeny the level of nucleic metabolism was higher than that in the initial forms; the greatest rise was in the content of ribonucleic acid. This rise was accompanied by the appearance of heterosis, a rise in longevity and productivity, particularly marked in eggplants  $F_1$  and  $F_2$ .

Card 2/2



SEMENENKO, G.I.; TIMASH<sup>C</sup>VA, O.A.; SUKACHEV, V.N., akademik.

Vitality of the hybrid progeny of intergeneric Solanaceae grafts. Dokl. AN  
SSSR 93 no.1:159-162 N '53. (MLRA 6:10)

1. Akademiya nauk SSSR (for Sukachev). 2. Khar'kovskiy gosudarstvennyy  
universitet im. A.M.Gor'kogo (for Semenko and Timasheva). (Potatoes)

1 TIMASHOVA G. I.  
SEMENENKO, G.I.; TIMASHOVA, O.A.

Nucleic acids content in leaves in vegetative hybridization.  
Biokhimiia 19 no.5:543-548 S-O '54. (MLRA 7:11)

1. Kafedra fiziologii rasteniy Khar'kovskogo gosudarstvennogo universiteta.

(PLANTS, metabolism,  
nucleic acids, eff. of hybridization)  
(NUCLEIC ACIDS, metabolism,  
plants, eff. of hybridization)  
(HYBRIDITY,  
plants, eff. on nucleic acids metab.)

TIMASHUK, L. F.

DECEASED 1956

SEE ILC

*Medicine*

BUTT, J. M., prof., dr.; TIMASZEW, W. W., [Timashev, V. V.] kandydat nauk  
technicznych (Moskwa)

Boundary saturation of Portland clinker with lime. Cement wapno gips  
16/26 no.7:211-217 '61.

1. Członek korespondent Akademii Budownictwa i Architektury ZSSR  
(for Butt).

(Clinker brick)

TROFIMOVA, V.I., nauchnyy sotr.; SHTEYMAN, R.A., nauchnyy sotr.; GROZNOV, S.R., nauchnyy sotr.; SIDOROVA, L.I., nauchnyy sotr.; DUNTSOVA, V.G.; KAZENOVA, A.R.; PROTOPOPOV, S.I.; SHORIN, G.F., red.; LOBANOV, D.I., red.; MOLCHANOV, O.P., red.; MARTYNOVA, Ye.G., red.; SIDOROV, V.A., red.; TIMATKOV, V.D., red.; VAGANOVA, N.A., red.; BABIGEVA, V.V., tekhn. red.

[Collected recipes of dishes for workers and students] Sbornik retseptur bliud dlia pitaniia rabochikh i studentov. 2. perer., dop. izd. Moskva, Gos.izd-vo torg.lit-ry, 1961. 491 p. (MIRA 15:1)

1. Russia (1917- R.S.F.S.R.) Ministerstvo torgovli. 2. Nauchno-issledovatel'skiy institut torgovli i obshchestvennogo pitaniya (for Trofimova, Shteyman, Groznov, Sidorova). 3. Upravleniye obshchestvennogo pitaniya Ministerstva torgovli RSFSR (for Duntsova, Kazanova). 4. Glavnyy kulinar Upravleniya obshchestvennogo pitaniya Ministerstva torgovli RSFSR (for Protopopov).

(Cookery)

*Timbars, 1961*

S/137/61/000/012/084/149  
A006/A101

AUTHORS: Genis, A.A., Kabo, M.A., Pliner, L.R., Sunakslis, Ya.M., Timbars,  
T.M., Yanushkovskiy, V.A.

TITLE: Experiences in the use of relay-type radioactive devices in automat-  
ing technological processes at the "Sarkanais Metallurgs" Plant

PERIODICAL: Referativnyy zhurnal. Metallurgiya, no. 12, 1961, 15, abstract  
12D105 (V sb. "Radioakt. izotopy i yadern. izlucheniya v nar. kh-ve  
SSSR, v. 3", Moscow, Gostoptekhnizdat, 1961, 145)

TEXT: At the Liepaya metallurgical plant a number of operations of tech-  
nological processes are being automated with the aid of control equipment manu-  
factured by serial production. Automation is based on the use of radioactive  
isotopes. The following operations are being automated: control of the automa-  
tic removal of the sheet off the finished metal conveyer belt; blocking unit on  
cold cutting shears of mill 350; control of the compressor unit operation at the  
oxygen station GK-30 (GK-30). The introduction of radioactive automation led to  
improved labor conditions and reduced the number of workers. N. Yudina  
[Abstracter's note: Complete translation]

Card 1/1

✓ Synthesis based on anabasine. X. Cyanoethylation of  
anabasine. B. Kh. Timbekov and A. S. Sadekov. J.  
Gen. Chem. U.S.S.R. 25, 753-5 (1955) (Engl. translation).  
See C.A. 49, 10983h. H. L. H.

*Yel'pina, Ye*

G. A. Tolst. G.; ~~TH. 1977-78~~ Ye.

Two years of red tape. Izobr. v. 2 no. 6:86 1977. (6. 1977)  
(Brakes)



TIMBEKOV, E.Kh.; SADYKOV, A.S.

Synthesis based on anabasine. Part 10. Cyanoethylation of anabasine.  
Zhur.ob.khim. 25 no.4:786-788 Ap '55. (MLRA 8:7)

1. Sredneaziatskiy Gosudarstvennyy universitet.  
(Anabasine) (Cyanoethylation)

**"APPROVED FOR RELEASE: 07/16/2001**

**CIA-RDP86-00513R001755710011-3**

**APPROVED FOR RELEASE: 07/16/2001**

**CIA-RDP86-00513R001755710011-3"**

**"APPROVED FOR RELEASE: 07/16/2001**

**CIA-RDP86-00513R001755710011-3**

**APPROVED FOR RELEASE: 07/16/2001**

**CIA-RDP86-00513R001755710011-3"**

TIMBEKOV, E.Kh.; SADYKOV, A.S.

Synthesis of anabasine compounds. Part 12. Hydration of N-( $\beta$ -pro-  
pionitrile) anabasine. Zhur.ob.khim.25 no.6:1222-1226 Ja '55.  
(MLRA 8:12)

1. Sredneaziatskiy Gosudarstvennyy universitet  
(Anabasine)

SADYKOV, A.S.; TIMBEKOV, E.Kh.

Industrial separation of alkaloids of anabasis aphylla L. Zhur.  
prikl.khim. 29 no.1:148-152 Ja '56. (MLRA 9:5)

1. Kafedra khimii rasteniy Sredne-Aziatskogo gosudarstvennogo  
universiteta imeni V.I. Lenina.  
(Alkaloids) (Anabasis aphylla)

TIMBEKOV, B.Kh.; YAMATOVA, R.Sh.; SADYKOV, A.S.

Polarographic examination of raddeanine, raddeamine, and  
alvanine. Zhur.prikl.khim. 33 no.3:751-752 Mr '60.  
(MIRA 13:6)

(Raddeanine) (Raddeamine) (Alvanine)

MARTYNOVA, K.S.; TIMBEKOV, E.Kh.; SADYKOV, A.S.

Polarographic study of some derivatives of anabasine. Zhur.  
prikl. khim. 37 no. 4:926-928 Ap '64. (MIRA 17:5)

I. TIERER

"Chronic, recurrent dysentery" Tr. from the Russian n. 30  
(ANALELE ROMANIL-SOVIETICE. SERIA PEDIATRIE Vol. 6, No.3, May/June 1953  
Bucuresti, Rumania)

SO: East European, LC, Vol. 2, No.12, Dec. 1953



ZVEREV, A.; TIMBUKHTINA, A.

Labor expenditure with various methods of manufacturing  
synthetic rubber. Biul.nauch.inform.; trud i zar.plata. no.3:  
12-18 '59. (MIRA 12:5)

(Rubber, Synthetic)  
(Work measurement)

TIMBUKHTINA, A.A.

Effectiveness of the use of new polymerization initiators in the production of emulsion rubbers. Trudy LKTI no. 11:11-16 1977.

State of the production of butadiene-styrene rubbers in capitalist countries. Ibid.:85-91 (MJRA 17:6)

TIMBUS, Ioan

A special day. Constr Buc 15, no.722:2 9 N '63.

1. Directorul clubului muncitoresc de la Fabrica de ciment Turda.

SPANY, V.; SEFARA, J.; SOLTESZ, T.; TIMCAK, G.

Automatic control of water level by a transistor relay.  
Sbor VST Kosice 1:185-189 '64.

1. Scientific Circle of Students affiliated with the Chair of  
Electrical Engineering of the Higher School of Technology,  
Kosice. Submitted June 3, 1963.

TIMCHENKO, A., brigadir vysnkomontazhnikov

We are taking 3 days to assembly drilling rigs. Neftianik 5  
no. 12:8 D '60. (MIRA 13:12)

1. Trest Tatburneft'.  
(Tatar A.S.S.R.--Oil well drilling rigs)

TIME: 10:00 AM. (Time of day, date, and place of observation, H.V.),  
 10/10/1964

has of 1. correlating with the resistance in cattle breeding.  
 Khim. prom. Akad. Nauk SSSR. No. 195. (MIRA 18:4)

TIMCENKO, Teodor, ing.

Controlled dosage of diamond paste. Tehnika Jug 16 no.12:2178-2181  
'61.

32(1)

SOV/84-59-10-23/53

AUTHORS:

Ometa, V., and Timchenko, A., Employees at the Air Group

TITLE:

The Flow of Passengers Grows Incessantly

PERIODICAL:

Grazhdanskaya aviatsiya, 1959, Nr 10, pp 16-17 (USSR)

ABSTRACT:

This is a note on the steady growth of operations of local airlines within the Kirgizskaya SSR. Eleven new routes were opened in 1958, among them the routes Dzhahalal-Abad-Alabuka-Karavan (served by the An-2), and Dzhahalal-Abad-Osh (served by the An-2 and Yak-12). The turnover of passengers steadily increases. The party and governmental bodies have helped to construct service buildings, roads and communication lines to new airports. The authors disagree with the existing practice of building standard prefabricated houses at new airports. In their opinion, all such houses should be solidly built though standardized. The unclassified airports want only elementary servicing means, such as tank trucks, freight carriers. The An-2 is a good aircraft but its capacity is in-

Card 1/2



The Flow of Passengers Grows Incessantly SOV/84-59-10-23/53

sufficient; 2 more seats can be added (according to pilot Tulayev) at the expense of the rack, and by installing a different type of door. Local airlines need helicopters badly for the transportation of passengers to mountainous areas where regular air-fields are scarce. There are 3 photographs.

ASSOCIATION: Kirgizskaya aviagruppa (Kirghiz Air Group)

Card 2/2

TIMCHENKO, A., inzhener.

Concrete without sand. Znan. sila no.5:4-5 My '53.

(MLRA 6:6)

(Concrete)

TIMCHENKO, Ivan Yemel'yanovich; KULESHOV, V.N., otv.red.; PETROVA, V.Ye.,  
red.; MARKOCH, K.G., tekhn.red.

[Ekspluatatsiia lineinykh sooruzhenii kabel'nykh magistral'ei  
svyazi. Moskva, Gos.izd-vo lit-ry po voprosam svyazi i radio,  
1959. 134 p. (MIRA 12:10)

(Electric cables)

KHEYFITS, A. B. (Docent), TIMCHENKO, L. A.

Sleep

Pre-and postoperative application of therapeutic sleep. Khirurgiia no. 3, 1952.

9. Monthly List of Russian Accessions, Library of Congress, August 1952, 2 Uncl.

USSR/Diseases of Farm Animals - Diseases Caused by Bacteria  
and Fungi.

R-2

Abs Jour : Ref Zhur - Biol., No 11, 1958, 50195

Author : Nesterov, Yu.F., Semenchuk, K.L., Timchenko, A.D.

Inst : -

Title : Serological Diagnosis of Tuberculosis in Domesticated  
Birds.

Orig Pub : Ptitsevodstvo, 1958, No 1, 44.

Abstract : On a farm where bird tuberculosis was in evidence, 460  
hens were examined by the fast blood-drop method of the  
agglutination reaction (FBD; AR). In 41.2 percent of the  
hens the reaction was positive, in 18 percent the reaction  
was doubtful. Of 11 killed hens which reacted positively  
to the FBD AR test, 9 showed typical tubercular changes  
in their organisms, and tubercular cultures could be iso-  
lated.

Card 1/1

- 24 -

*Timchenko, A.D.*  
TIMCHENKO, A.D., aspirant.

~~Testing~~ Testing the anthelmintic properties of gasoline in chicken ascariasis. Ptitsevodstvo 8 no.3:31-32 Mr '58. (MIRA 11:2)

1. Khar'kovskiy veterinarnyy institut.  
(Ascarids and ascariasis)  
(Parasites--Poultry) (Gasoline)

TIMCHENKO, A. D.

"The Zonal Features of the Dynamics of Chicken Ascariasis in the Crimea."

Tenth Conference on Parasitological Problems and Diseases with Natural Reservoirs, 22-29 October 1959, Vol. II, Publishing House of Academy of Sciences, USSR, Moscow-Leningrad, 1959.

Khar'kov Veterinary Institute

TIMCHENKO, A. D., Cand of Vet Sci — (diss) "Comparative Evaluation of Certain Antihelminthological Measures in Ascaridosis of Chickens and the Seasonal Dynamics of this Disease in the Crimea," Khar'kov, 1959, 19 pp (Khar'kov Veterinary Institute)  
(KL, 4-60, 122)



PALIMSESTOV, M. A. (Professor), TIMCHENKO, A. D. (Candidate of Veterinary Sciences, Kharkov Zooveterinary Institute) and LUPLINOS, I. T. (Veterinary Surgeon, poultry breeding sovkhos "imeni 1 Maya", Kharkov Oblast)

"Medicinal effectiveness of furazolidone in chicken coccidiosis"

Veterinariya, vol. 39, no.4, April 1962 p. 46

TIMCHENKO, A.D., kand. veter. nauk; KHARCHENKO, I.F., veterinarnyy vrach-  
epizootolog

Chemotherapy of pasteurellosis in cattle. Veterinariia 41 no.1:  
34-35 Ja '64. (MIRA 17:3)

1. Khar'kovskiy zooveterinarnyy institut (for Timchenko). 2.  
Feodosiyakaya mezhrayonnaya veterinarnaya laboratoriya (for  
Kharchenko).



MALIKES, L.Ya.; TIMCHENKO,, A.I.

Preparation of high purity trans-stilbene by the thermal decomposition of benzalazine. Khim.prom. no.3:256-257  
Ap-My '60. (MIRA 13:8)  
(Stilbene) (Benzaldehyde)

S/128/60/000/006/007/007/XX  
A104/A133

AUTHORS: Ovsyuk, G. S., Timchenko, A. F., and Kharykovskiy, I. G.

TITLE: Deoxidation of steel by aluminum

PERIODICAL: Liteynoye proizvodstvo, no. 6, 1960, 47-48

TEXT: The article reviews the effect of increased Al addition during the final deoxidation of 15 - 25LK (15 - 25LK) steels, cast in ACH-3 (DSN-3) acid lined electric arc furnaces. Tests were carried out at the Dneprodzerzhinskiy zavod imeni gazety "Pravda" (Dneprodzerzhinsk Plant imeni "Pravda" Newspaper). The process included the production and draining off of slags containing 5 - 6% CaO, 50 - 51% SiO<sub>2</sub>, 9 - 10% FeO and 20 - 21% MnO. The deoxidation was performed with 13 kg of 70% ferromanganese and 5 - 6 kg of 45% ferrosilicon per ton of liquid steel. The steel was tapped into two ladles and additionally reduced with 1 kg/ton aluminum. The pouring of a 2.3 ton ladle lasted 20 minutes. About 12 - 15% of castings were retested on their plastic properties. Blowhole rejects contained 0.92% of serviceable castings. Microscopic examinations revealed a low ductility of castings enriched with 1 kg Al (see Table), owing to sulfide inclusions at the grain

Card 1/4

Deoxidation of steel by aluminum

S/128/60/000/006/007/007/XX  
A104/A133

borders (Figs. 1 a and b). The addition of 1.5 kg/ton Al yielded satisfactory castings and blowhole rejects were reduced to 0.08%. The metallographic inspection showed that an addition of 1.5 kg/ton Al renders the sulfide inclusions annular and isolated from each other (Fig. 2 a) while the pearlite and ferrite structure becomes uniform and free of ferrite ghost (Fig. 2 b). According to Reference 1 [Nekhenzi, Yu. A., Stal'noye lit'ye (Steel Casting), Metallurgizdat, 1948], increased quantities of Al facilitate the formation of  $Al_2S_3$  sulfide which forms no compounds and does not decrease the ductility of metals. Residual Al protects the liquid metal from oxidation during the pouring and prevents blowholes. Greater quantities of Al, proportional to the carbon and silicon content of the metal are recommended. S. R. Mamedov (Ref. 3: "Liteynoye proizvodstvo", no. 12, 1958) quoting Baykov, Nekhenzi, Samarin and Leykin, states that with an increase of Al in steel the content of  $Al_2O_3$  also increases. The authors disapprove this conclusion approving the contrary opinion of S. L. Keyz and K. R. Van Gorn [Ref. 4: Aluminii v chuyune i stali (Aluminum in Cast Iron and Steel), Metallurgizdat, 1959]. There are 2 figures and 1 table.

Card 2/4

oxidation of steel by alkali

57125/60/000/000/007/007/XL  
A104/A133

1. Химический состав стали в %						2. Механические свойства			
C	Mn	Si	S	P	Al	$\sigma_b$	$\sigma_s$	$\delta$	$\psi$
						в кг/мм <sup>2</sup>		в %	
0,17	0,64	0,29	0,019	0,017	0,021	54	35	19	26
0,17	0,69	0,31	0,019	0,014	0,022	53	33	14	21
0,17	0,51	0,25	0,052	0,029	0,022	49	32	12	15
0,17	0,65	0,21	0,055	0,035	0,025	52	33	13	26
0,20	0,72	0,25	0,054	0,040	0,021	50	35	14	23
0,20	0,80	0,23	0,046	0,035	0,002	51	34	20	23
0,18	0,65	0,29	0,052	0,028	0,023	49	32	16	28
0,20	0,70	0,30	0,045	0,035	0,022	50	33	16	19
0,22	0,82	0,27	0,013	0,034	0,021	53	35	15	26
0,22	0,70	0,25	0,035	0,035	0,003	53	34	18	21
0,17	0,51	0,28	0,039	0,035	0,035	49	31	29	48
0,16	0,49	0,20	0,040	0,040	0,061	15	27	30	51
0,21	0,69	0,20	0,038	0,035	0,053	51	33	26	26
0,16	0,62	0,20	0,039	0,039	0,007	48	31	28	44
0,17	0,57	0,15	0,035	0,040	0,062	47	29	31	51
0,18	0,53	0,20	0,035	0,035	0,069	46	28	29	41
0,18	0,54	0,25	0,039	0,038	0,048	47	29	30	29
0,15	0,51	0,21	0,036	0,040	0,055	46	29	32	51
0,14	0,72	0,29	0,039	0,045	0,043	53	35	22	33
0,17	0,63	0,29	0,034	0,039	0,049	55	35	23	39

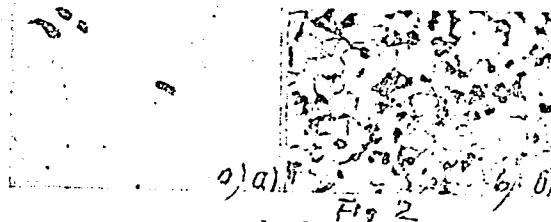
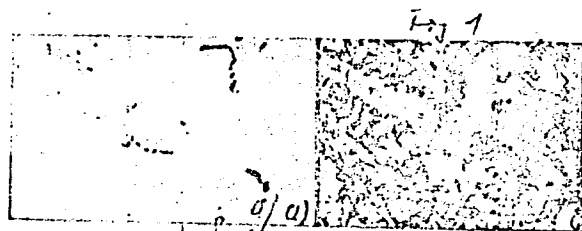
Table:

- (1) Chemical composition;
- (2) mechanical properties.

С. 3/4

Deoxidation of steel by aluminum

S/128/60/000/006/007/007/XI  
A104/A133



Card 4/4



1ST AND 2ND COLUMNS																										3RD AND 4TH COLUMNS																									
PROCESSES AND PROPERTIES INDEX																																																			
<p><i>Ca</i></p> <p>New gas-producing district in Southern Daghestan.  A. I. Timchenko. <i>Natural Gases U. S. S. R.</i> No. 8,  3 17(10:4).—Compos. of 10 gas samples are given and  a geol. description of the area is presented. Nine refer-  ences. A. A. Podgorny</p>																																																			
<p>ASR-SLA METALLURGICAL LITERATURE CLASSIFICATION</p>																																																			
<p>1ST AND 2ND COLUMNS</p>																																																			
<p>3RD AND 4TH COLUMNS</p>																																																			

Timchenko, A.I.

55500  
 AUTHORS: Nagornaya, L.L., Kilmov, A.P., <sup>2201/E121</sup> and Timchenko, A.I.  
 TITLE: Plastic Scintillators with 1,2-diarylethylenes  
 PERIODICAL: Pribury i tekhnika eksperimenta, 1960, Nr 1, pp 34 - 36 (USSR)  
 ABSTRACT: Properties of 1,2-diaryl derivatives of ethylene as luminescent additives to plastic scintillators are comparatively unknown (Refs 1-3). This is surprising because of the good properties reported for 1,2-di-(1-naphthyl)-ethylene (Ref 4). The present paper describes results obtained in an investigation of scintillation and luminescence properties of polystyrene solutions of three 1,2-diarylethylenes: 1-phenyl-2-(4-methoxyphenyl)-ethylene (I), 1-phenyl-2-(4-chlorophenyl)-ethylene (II), 1-phenyl-2-(4-biphenyl)-ethylene (III). The properties of stilbene and 1,2-di-(1-naphthyl)-ethylene are also reported. The luminescence spectra were obtained with an SF-4 spectrophotometer, used as a monochromator and

Card 1/2

fitted with a photoelectric device (Ref 8); they are shown in Figure 1. The scintillation efficiency was deduced from the current at the output of a photo-multiplier FEU-19. The samples were excited with gamma-rays from Ag<sup>110</sup> of 0.1 millicurie intensity. It was found (Figure 2 and a table on p 36) that the scintillation efficiency of a 1% solution of III in polystyrene amounts to 147% compared with the efficiency (taken as 100%) of a 2% solution of p-terphenyl in polystyrene. It was also found that the scintillation efficiency of 1,2-diarylethylenes is proportional to the photoluminescence yield. There are 2 figures, 1 table and 8 references, 6 of which are Soviet and 2 English.

ASSOCIATION: Khar'kovskiy filial Vsesoyuznogo nauchno-issledovatel'skogo instituta khimicheskikh reaktivov (Khar'kov Branch of the All-Union Chemical Reagents Scientific-research Institute)

SUBMITTED: December 13, 1958  
 Card 2/2

LUTSKIY, A.Ye; MALKES, L.Ya.; OBUKHOVA, Ye.M.; TIMCHENKO, A.I.

Dipole moments of molecules and intramolecular reactions  
between functional groups. Part 1. Zhur. fiz. khim. 37  
no.5:1076-1082 My '63. (MIRA 17:1)

1. Politekhnicheskiiy institut imeni V.I. Lenina i Vsesoyuznyy  
nauchno-issledovatel'skiy institut monokristallov.

MALKES, L.Ya.; TIMCHENKO, A.I.; NAGORNAYA, L.L.

Synthesis and ultraviolet absorption spectra of p-monohalo-  
substituted derivatives of trans-stilbene. Zhur.ob.khim. 32  
no.3:893-896 Mr '62. (MIRA 15:3)  
(Stilbene--Spectra)

NAGORNAYA, L.L.; KILIMOV, A.P.; MALKES, L.Ya.; SHUBINA, L.V.;  
TIMCHENKO, A.I.

Plastic scintillators with additions of 1,2-diarylethylene.  
Prib.i tekhn.eksp. no.1:34-36 Ja-F '60. (MIRA 13:6)

1. Khar'kovskiy filial Vsesoyuznogo nauchno-issledovatel'skogo  
instituta khimicheskikh reaktivov.  
(Scintillation counters)

TIMCHENKO, A I

Kirpichnyye steny s plitami na otinose (Brick walls with facing  
panels hung over an intervening air space, By) A. I. Timchenko N/5  
(1) N. M. ORLYANKIN. Moskva, Gos, Izd-vo Literatury po stroitel'stву 748.1  
i arkhitekture, 1953. .t5  
33 p. Illus., Diags., Tables.

89516

S/079/61/031/002/009/019  
B118/B208

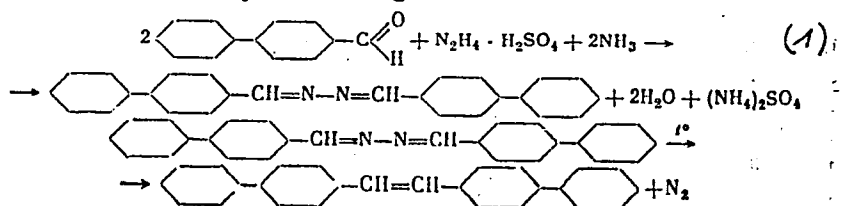
53610

AUTHORS: Malkes, L. Ya. and Timchenko, A. I.

TITLE: Synthesis of trans-p, p'-diphenyl stilbene

PERIODICAL: Zhurnal obshchey khimii, v. 31, no. 2, 1961, 560-562

TEXT: In view of Refs. 1-3 concerning the synthesis of -p, p'-diphenyl stilbene (in the following called DPS), especially of the paper by Ye. Ye. Baroni and G. Bushbek (Ref. 3), the authors obtained only a trans-stilbene in the stilbene synthesis by thermal decomposition of benzalazine. The DPS synthesized in Ref. 3 obviously appeared in the cis-form. The synthesis of DPS by thermal decomposition of p, p'-diphenyl benzalazine was devised on the basis of an attempt of synthesizing trans-stilbene



Card 1/3

89516

S/079/61/031/002/009/019  
B118/B208

Synthesis of trans-p,...

(Scheme 1). The initial product was diphenyl from which p-phenyl benzaldehyde (Ref. 5) was obtained. When treating the hydrazine hydrate solution with the solution of p-phenyl benzaldehyde, p, p'-diphenyl benzalazine is formed. By thermal decomposition of the latter, nitrogen separates out, and DPS is obtained whose constants are identical with those of Ref. 2. The high fluorescence of DPS observed both in crystalline and dissolved state, which is also mentioned in Ref. 3, gives rise to the assumption saying that in addition to the principal mass of cis-DPS an impurity of the trans-form was also present. This is confirmed by comparing the absorption spectra in dioxane. The spectrum of DPS obtained in Ref. 3 has, as is shown in the figure, a principal maximum at  $\lambda$  280 m $\mu$ , and a secondary maximum at  $\lambda$  340 m $\mu$ . The spectrum of DPS obtained in the present study shows a distinct band at  $\lambda$  340 m $\mu$ . The empirical formula of DPS being the same in both cases ( $C_{26}H_{20}$ ), it may be assumed that the absorption maximum at  $\lambda$  280 m $\mu$  corresponds to the cis-form, and that at  $\lambda$  340 m $\mu$ , to the trans-form. The secondary maximum at  $\lambda$  340 m $\mu$  in the stilbene of Ref. 3 indicates the co-existence of a trans-form. The appearance of maxima of both forms (at  $\lambda$  280 m $\mu$  and 340 m $\mu$ ) also obeys the well-known rule (Ref. 6) of the

Card 2/3



Synthesis of trans-p,...

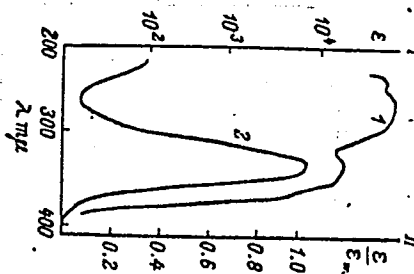
S/079/61/031/002/009/019  
B118/B208

absorption maximum of trans-stilbene derivatives being shifted toward the long-wave region, with respect to the cis-form. There are 1 figure and 7 references: 1 Soviet-bloc and 4 non-Soviet-bloc.

ASSOCIATION: Khar'kovskiy filial Vsesoyuznogo nauchno-issledovatel'skogo instituta khimicheskikh reaktivov (Khar'kov Branch of the All-Union Scientific Research Institute of Chemical Reagents)

SUBMITTED: March 30, 1960

Legend to the figure: 1) Spectrum obtained by Ye. Ye. Baroni and G. Bushbek  
2) Spectrum of the trans-configuration obtained by the authors



Card 3/3

MALKES, L. Ya.; NAGORNAYA, L.L.; TIMCHENKO, A.I.

Absorption spectra and luminescence properties of para-monohalo-  
substituted trans-stilbenes. Opt. i spektr. 10 no.4:557-558 Ap '61.  
(Stibene--Spectra) (MIRA 14:3)

ALIKS, I.Ya.; TRICHELIC, A.I.

Synthesis of trans-*p,p'*-dichlorostilbene. Zhur. ob. khim. 31  
no. 2:55-58, 1951. (11A 14:2)

1. Mar'kovskiy, Nikolai Vassil'yevich na chine-issledov tel'skogo  
instituta M. Michailovskiy reaktivov.  
(Stilbene)

1. TIMCHENKO, A. I. Eng.
2. USSR (600)
4. Tile Construction
7. Cementing of tiles in wall finishing, *Biul. stroi. tekhn.*, 10, No. 7, 1953.
9. Monthly List of Russian Accessions, Library of Congress, April, 1953, Uncl.

FIMCHENKO, A. I., Eng.

Plaster of Paris

Brick walls finished with plaster of Paris slabs. *Stroitel. tekhn.* 10, No. 6, 1953.

\*

Monthly List of Russian Accessions, Library of Congress, June 1953. Uncl.

TIMCHENKO, A.I., inzhener; ORLYANKIN, N.M., laureat Stalinskoy premii;  
BOGDANOV, B.N., nauchnyy redaktor.

[Brick walls with facing panels hung over an intervening air  
space] Kirpichnye steny s plitami na otnose. Moskva, Gos.izd-vo  
lit-ry po stroitel'stvu i arkhitekture, 1953. 33 p. (MLRA 7:3)  
(Walls)

ATROSHCHENKO, F.A.; VYAZOVSKAYA, N.M.; TIMCHENKO, A.M.; KHODZHAYEVA, Ye.N.

Establishing norms for the use and the length of service of  
metal supports in development workings in mines of the Kara-  
gandaulgol' Combine. Nauch. trudy KNIUI no.13:356-368 '64  
(MIRA 18:1)

KOROBov, M.A.; TSYPLAKOV, A.M.; TIMCHENKO, B.I.

Thermal field of the cathode in an aluminum electrolytic cell.  
TSvet.met. 35 no.2:49-55 F '62. (MIRA 15:2)  
(Aluminum—Electrometallurgy) (Heat—Transmission)



ACC NR: AP7005652

SOURCE CODE: UR/0413/67/000/002/G106/0106

INVENTOR: Timchenko, B. S.; Mal'tsev, N. Ye.; Skalozub, V. M.

ORG: None

TITLE: An instrument for automatically measuring partial pressure. Class 42, No. 190630

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 2, 1967, 106

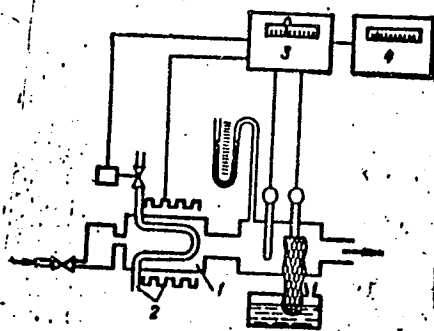
TOPIC TAGS: pressure measurement, electronic measurement, temperature instrument

ABSTRACT: This Author's Certificate introduces an instrument for automatically measuring partial pressure. The installation contains a working chamber, valve, filter, psychrometer, differential electronic bridge and measuring instrument. To provide for measuring aggressive and contaminated vapor-gas mixtures, the working chamber is equipped with a temperature-controlled element connected to the input of the differential electronic bridge. This is electrically coupled to an electronic measurement bridge with a scale graduated according to the thermodynamic characteristics of titanium tetrachloride at normal pressure. This bridge is connected to the differential bridge when the difference between the wet- and dry-bulb thermometer readings reaches zero.

Card 1/2

UDC: 621.317.39:533.275:531.787.91

ACC NR: AP7005652



1--working chamber; 2--temperature-controlled element;  
3--differential electronic bridge; 4--measurement bridge

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Card 2/2

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